

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for determining transmission power of a first station in a wireless packet data communication system, comprising:
 - transmitting a preliminary signal with a first transmission power from the first station to a second station;
 - transmitting a first packet data from the first station to the second station with the first transmission power;
 - increasing the transmission power of the first station to an increased second transmission power if the first packet data transmission is not successfully received by the second station, wherein the increased second transmission power is calculated based on the first transmission power used by the first station in the first packet data transmission to the second station, a controlled amount of transmission power of the first station as perceived by the second station during a previous packet data transmission, a changed amount of power of the second station received at the first station during a previous packet data transmission, and a channel compensating value received from the second station corresponding to a number of allocated channels as determined by the second station; and
 - transmitting a second packet data from the first station to the second station with the increased second transmission power.

2. (Original) The method of claim 1, further comprising ending the packet data transmission when the packet data transmission is successfully received by the second station.

3. (Previously Presented) The method of claim 1, wherein transmitting the preliminary signal comprises:

transmitting a preamble from the first station to the second station; and

receiving a channel occupying signal from the second station as a response to the preamble.

4. (Previously Presented) The method of claim 3, further comprising ending the packet data transmission process if the channel occupying signal is not received from the second station.

5-7. (Canceled)

8. (Currently Amended) The method of claim 1, wherein the second transmission power is calculated by summing the first transmission power used in the first packet data transmission, the controlled amount of the transmission power of the first station as perceived by the second station, the changed amount of power of the second station received at the first station during the previous packet data transmission, and the channel compensating value received from the second station.

9. (Original) The method of claim 1, wherein the first station is a mobile communication station and the second station is a base station.

10. (Currently Amended) A method for determining a transmission power of a first station in a wireless transmission system, comprising:

transmitting a preamble from the first station to a second station with a first transmission power;

receiving a channel occupying signal from the second station as a response to the preamble; and

transmitting first packet data from the first station to the second station after the channel occupying signal is received,

increasing the transmission power of the first station to an increased second transmission power if the first packet data transmission is not successfully received by the second station, wherein the second transmission power is calculated based on the first transmission power used by the first station, a controlled amount of transmission power of the first station as received by the second station during a previous packet data transmission, a changed amount of power of the second station as received by the first station during a previous packet data transmission, and a channel compensating value received from the second station;

transmitting a second packet data from the first station to the second station with the increased second transmission power; and

ending the packet data transmission when the transmission is successfully received by the second station.

11. (Original) The method of claim 10, further comprising ending the packet data transmission if the channel occupying signal is not received from the second station.

12-14. (Canceled)

15. (Currently Amended) The method of claim 10, wherein the second transmission power is calculated by summing the controlled amount of the transmission power of the first station as received by the second station, the changed amount of power of the second station as received at ~~by~~ the first station, and the channel compensating value received from the second station.

16. (Original) The method of claim 10, wherein the first station is a mobile terminal and the second station is a base station.

Reply to Office Action dated May 15, 2007

17. (Currently Amended) A wireless packet data communication system, comprising:
a mobile terminal configured to transmit packet data to a base station at a first transmission power and to increase the transmission power to a second transmission power when the packet data is not successfully received by another entity, wherein the second transmission power is calculated by summing a previous transmission power of the mobile terminal, a controlled amount of transmission power of the mobile terminal as determined by the base station during a previous packet data transmission, a changed amount of power of the base station as received at the mobile terminal during a previous packet data transmission, and a channel compensating value received from the base station and being based on a number of allocated channels; and

the base station coupled to communicate with the mobile terminal and configured to transmit control information to the mobile terminal.

18. (Original) The system of claim 17, wherein the control information is transmitted from the base station to the mobile terminal together with an acknowledgment message related to a previous data transmission from the mobile terminal.

19. (Previously Presented) The system of claim 17, wherein the mobile terminal is further configured to transmit a preliminary signal to the base station at the first transmission power prior to transmitting the packet data.

20-21. (Canceled)

22. (Currently Amended) A mobile communication terminal, comprising:

means for transmitting a preliminary signal at a first transmission power;

means for transmitting a first packet data if an acknowledgment to the preliminary signal is received;

means for increasing the transmission power of the packet data transmission to an increased transmission power if the first packet data transmission is not successfully received by a second station, wherein the means for increasing calculates the increased transmission power based on a transmission power used by the mobile communication terminal in a previous transmission to the second station, a controlled amount of transmission power of the mobile communication terminal as received by the second station during a previous packet data transmission, a changed amount of power of the second station as received at the mobile communication terminal during a previous packet data transmission, and a channel compensating value received from the second station;

means for transmitting a second packet data at the increased transmission power;

and

means for ending the packet data transmission when the packet data transmission is successfully received by the second station.

23. (Previously Presented) The terminal of claim 22, wherein the acknowledgment comprises control information sent from a base station.

24. (Previously Presented) The terminal of claim 23, wherein the mobile terminal is configured to transmit to a base station, and wherein the base station comprises:

means for receiving the preliminary signal from the mobile terminal;

means for transmitting a channel occupying signal in response to the preliminary signal;

means for receiving packet data transmitted from the mobile terminal; and

means for transmitting an acknowledgment signal to the mobile terminal when the data transmission from the mobile terminal has been received.

25-28. (Canceled)

29. (Previously Presented) The method of claim 1, wherein the increased second transmission power is calculated based on the channel compensating value received from the second station.

30. (Previously Presented) The method of claim 1, wherein the preliminary signal comprises a collision detect (CD) signal.

Serial No. **10/025,879**

Docket No. **P-0290**

Reply to Office Action dated May 15, 2007

31. (Previously Presented) The method of claim 1, wherein the channel occupying signal comprises a CD-ACH signal.

32-33. (Canceled)

34. (Previously Presented) The method of claim 10, wherein the channel occupying signal comprises a CD-ACH signal.

35. (Canceled)